

ABSTRACT OF THE DISCLOSURE

A digital controlled multi-light driving apparatus. The driving apparatus includes a plurality of oscillation step-up circuits and a digital control circuit. The digital control circuit electrically connects to each of the oscillation step-up circuits, respectively. The digital control circuit generates sets of digital switching signals, which are phase controllable and duty cycle controllable, and respectively transmits the sets of digital switching signals to the oscillation step-up circuits. The phases and duty cycles of the digital switching signals are controlled by the digital control circuit.